

Docket No.: 83068-US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Karen Swider Lyons et al.

Application No.: 10/046,295

Confirmation No.: 2321

Filed: January 16, 2002

Art Unit: 1754

For: Method to prepare defective metal oxides with increased specific capacity

Examiner: S. J. Bos

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information

Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 50-0281 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0281, under Order No. 83068-US1. A duplicate copy of this paper is enclosed.

Dated: August 3, 2006

Respectfully submitted,

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| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   |    |   | Application Number       | 10/046,295-Conf. #2321 |
| Sheet  | 1 | of | 1 | Filing Date              | January 16, 2002       |
|  |   |    |   | First Named Inventor     | Karen Swider Lyons     |
|  |   |    |   | Art Unit                 | 1754                   |
|  |   |    |   | Examiner Name            | S. J. Bos              |
|  |   |    |   | Attorney Docket Number   | 83068-US1              |

| U.S. PATENT DOCUMENTS |                       |  |                                |  |   |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> ( <i>if known</i> ) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear |
| AA                    |                       | US-7049232   | 05-23-2006                     | Lee  |   |
| AB                    |                       | US-6860780   | 03-01-2005                     | Miyashita  |   |
| AC                    |                       | US-6794297   | 09-21-2004                     | Noda   |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                                |  |   |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> ) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear |
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| NON PATENT LITERATURE DOCUMENTS |                       |   |  |  |  |
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| Examiner Initials               | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.   |  |  |  |
|                                 | CA                    | DOE Hydrogen program FY 2004 Progress Report; section IX, "Acronyms and Abbreviation" available online at <a href="http://www.hydrogen.energy.gov/pdfs/progress04/ix_acronym_list.pdf">http://www.hydrogen.energy.gov/pdfs/progress04/ix_acronym_list.pdf</a> ; p. 840                                      |  |  |  |
|                                 | CB                    | Advanced Specialty Gas Equipment, General Purity, <a href="http://www.asge-online.com/pdf/General_Purity.pdf">http://www.asge-online.com/pdf/General_Purity.pdf</a> and "Abbreviations and Symbols" <a href="http://www.asge-online.com/pdf/ASGEpg186.pdf">http://www.asge-online.com/pdf/ASGEpg186.pdf</a> |  |  |  |
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